

Page 1 of 1

All amounts are calculated in domestic currency.

Total Received Quantity:
Total Qty to Inspect (PO U/M):
Total Reject Quantity:
Total Receipt Value:
Total Balance Due Quantity:



Castle Metals®

A. M. Castle & Co.

PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 1 of 1

Pack Slip No: 2184191

Ship From: A. M. Castle & Co. Chicago 3400 North Wolf Road Franklin Park, IL 60131	Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	Ship To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
Date Shipped 09-SEP-2015	F.O.B. ORIGIN	Freight Terms Prepaid	Carrier CASTLE_NETWORK
		BOL No 2194275	Delivery No 120172370

Shipment Details	Final Destination Branch -
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Order No 4036573	Line No 1	Item No 4885	Description 1.0000.SQ.303 STAINLESS CD ANN.132.0000-156.0000 SPECIFICATIONS: ASTM A582
Purchase Order No 29667	Part Number	Ordered Qty 12.00 FT	Invoice Qty 12.6667 FT
Details ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX: HEAT #S END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS			
Mill VALBRUNA CORPORATION	Heat Number 266325	Mech ID 1	PCS
		Width (IN)	Length (IN)
			Shipped Qty (LBS) 43.0667

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.			
We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.			
Reviewed by Authorized Castle Metals Representative:		Date:	Name:



Castle Metals®

A. M. Castle & Co.

PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 1 of 1

Pack Slip No: 2184191

Ship From:	Sold To:		Ship To:	Deliver To:
A. M. Castle & Co. Chicago 3400 North Wolf Road Franklin Park, IL 60131	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
Date Shipped	F.O.B.	Freight Terms	Carrier	BOL No
09-SEP-2015	ORIGIN	Prepaid	CASTLE_NETWORK	2194275
			Delivery No	120172370

Shipment Details

Final Destination Branch -

Order No	Line No	Item No	Description	Ordered Qty	Invoice Qty	
4036573	3	5036	0.5000, 2.5000, FLAT 304, STAINLESS, HR, ANN, PICKLE, 132.0000-156.0000 SPECIFICATIONS: ASTM A276			
Purchase Order No	Part Number		Ordered Qty	Invoice Qty		
29667			12.00 FT 156115 20	12.5625 FT		
Details	ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX: HEAT #S END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS					
Mill	Heat Number	Mech ID	PCS	Width (IN)	Length (IN)	Shipped Qty (LBS)
VALBRUNA CORPORATION	266000		1		150.7500	53.3906

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:

Date:

Name:

**VALBRUNA**

SLATER STAINLESS, INC.

2400 TAYLOR STREET WEST - PO BOX 630
FORT WAYNE IN 46802 USA
PHONE 260 434 2800 - FAX 260 434 2801**Product Certification Report**Report Number: **5165560**

Certified on Aug 21, 2015 Page 1 of 1

Order I.D. 1402355 001		Order Date 9/09/14		Commodity Code 4885	
Dim 1 1.0000	Dim 2 .0000	Dim 3 .0000	Heat I.D. 266325	Customer I.D. 001123	Customer Purchase Order 305862
Product Shape Cold Drawn Squares			Product Surface Cold Drawn Finish		Customer Grade 303
Length (Inches) 132.000 Min. 156.000 Max.			Bill of Lading # 425636	Weight	Melt Date: 2/23/15

Ship ToCASTLE METALS
3400 NORTH WOLF ROAD
FRANKLIN PARK, IL 60131DAS
14
9-89**Sold To**VALBRUNA STAINLESS, INC.
2400 TAYLOR STREET WEST
FORT WAYNE, IN 46802Lifts: 0047

AISI 303

UNS S30300

AMS 5640U TYPE 1

Condition A

ASTMA 484-14a

3303-22 REV 33

ASTMA 582-12e1

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
.042	1.76	.032	.26	.55	17.09	8.11	.28	.66	.12	.02

BRINELL (Type A device) (E-10)

HBW

235

TENSILE PROPERTIES ASTM E8-15a

TS (PSI)	.2%YS (PSI)	%EL(2")	%RA
110000	67700	44.7	55.0

MACRO ASTM E340-15/E381-01

MACRO

OK

No welding or weld repair done.

Material when shipped is free from contamination by mercury, radium, alpha source, and low melting elements.

Reduction Ratio Exceeds 4:1

Electric Furnace melted; AOD refined.

Chemical testing to one or more of the listed ASTM methods:

E415-14, E1019-11, E1086-14.

Location of tensile fracture: inside middle of gage length. %elong after fracture.

Chemical Analysis performed at Acciaierie Valbruna, Italy.

No mercury or low melting alloy contamination. No weld repair.

Melted and manufactured in Italy.

Material conforms to listed specifications and is DFARS compliant.

Quality system is compliant with ISO 9001:2008. Produced in accordance with EN 10204 3.1.

Results relate only to the items tested. Certification shall not be reproduced except in full, without written approval of Valbruna Stainless Inc. The recording of false, fictitious, or fraudulent statements on this document may be punished as a felony under federal statutes. Including Federal law Title 18, Chapter 47. Consult material safety data sheet (MSDS) for hazard info. I hereby certify that the reported figures are correct as contained in the records of the corporation.

Manager Laboratory Services

email: DHackett@valbruna.us

Dennis Hackett

Acciaierie Valbruna S.p.A.



CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2004) , 3.1

36100 VICENZA (Italia) - Viale della scienza, 25 z.i.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4
Telephon number : 0039 (0) 444968211

Clienti / Besteller/Kunden/Chest
VALBRUNA STAINLESS INC.
2400 TAYLOR STREET WEST
46801-FORT WAYNE, IN 46801-US

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Hersteller producer

Stato di fornitura: Hot rolled Descaled Annealed Hot rolled
Lieferzustand/Delivery state/État de livraison

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

Avviso di Spedizione: D-VI15004453
Lieferungsanweisung/Leser L.

Ordine nr: 43706 326588 CASTLE
Bestell-/Your order/Commande

Tipo di Elaborazione: E+AOD
Erzeugnisart/Manufacturing process/Mode d'elaboration

Certificato nr: MEST643889/2015/
Prüfung/Test/Essai

Conferma ordine nr: EI15000753
Werk-/Our Order/Ref nr

Marchio di Fabbrica:
Zeichen des Lieferanten
Trade mark
Sigle de l'usine producer

Funzione del Collaudatore:
Stempel des Werkstoffverständigen
Inspector's stamp/Person de l'essayeur



requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Castle Metals

HEAT NUMBER 266000
MECHANICAL ID _____
ITEM CODE 43706
LOT NUMBER _____
PO NUMBER 326588
RECEIPT DATE 4-20-15
SUPPLIER Valbruna
SPECIFICATION _____
LCS _____
COMMENT _____
APPROVED [Signature]

Vicenza, 16/02/15

VCO008
(Mod. MCE2)

Il collaudatore di stabilimento / der Werkstoffverständiger / Works Inspector / L'agent d'usine

M. Rizzoli

Pagina - 2 di 2

Acciaierie Valbruna S.p.A.



CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2004) , 3.1

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4
Telephone number : 0039 (0) 444968211

Clienti / Besteller/Purchaser/Client
VALBRUNA STAINLESS INC.
2400 TAYLOR STREET WEST
46801-FORT WAYNE, IN 46801-US

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Manufacturer/producer

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

Avviso di Spedizione: D-VI15004453
Lieferungsanweisung/Shipping Instructions

Ordine nr. 43706 326588 CASTLE
Bestell-/Your order/Commande

Certificato nr: MEST643889/2015/
Prüfung/Test/Essai

Conferma ordine nr: EI15000753
Werk-/Our Order/Ref. nr.

Marchio di Fabbrica:
Zeichen des Lieferanten
Trade mark
Sigle de l'usine/producer

Funzione del Collaudatore:
Stempel des Werkstattsprüfingen
Inspector's stamp/Parçonn de l'atelier



Stato di fornitura: Hot rolled Descaled Annealed Hot rolled
Lieferzustand/Delivery state/Etat de livraison

Tipo di Elaborazione: E+AOD
Erstellungszustand/Processing process/Mode d'élaboration

Specifiche:
Anforderungen/Requirements/Exigences

3304-34 7 304 A
ASTM A262 2013 PRACTICE E

(D) SECTION H PT. A 2013 EDITION

AMS-QQ-S-763 C 304 A
ASTM A276 2013A S30400 A

ASME SA479 2013 S30400 A (D)
ASTM A479 2014 S30400 A

Qualità: T-304L #5036
Werkstoff/Material/Grade/Numéro

Marca: AISI
Markenbezeichnung/Brand/Numéro

Tolleranza: ASTM A484-14a TABLE 5
Toleranz/Allowance/Tolerance

Funzionatura: 304/304L
Kennzeichnung/Marking/Markierung

Pos. nr. Pos. nr. N° de poste	Oggetto Designation Description	Dimensioni - in Dimensions Dimensions	Lunghezza - in Length Longueur	Colata Schmelze Heat Casting	Pezzi Stückzahl Pieces	Peso - LB Gewicht Poids	Lotto nr. Lose Lot n°
0010	Flat	2,5000 x 0,5000	144 / 151	266000		2.599	426903280

TEST ALLO STATO DI FORNITURA									
Test on delivery condition Prüfung auf Lieferzustand Produkt Test à l'état de fourniture Prueba sobre el material así como entregado									
TEST	Proveita/Provenance Lieferanten/Provenance Belle Dure - Dure Temp. Dure - Temp. Dure Log. Dure - Log. Dure REN	°F	Snervamento Biegezug Yield Stress Rp 0,2% k.s.l	Snervamento Biegezug Yield Stress Lower strength	Resistenza Zugfestigkeit Tensile strength Rm k.s.l	Allungamento Bruchdehnung Elongation E 4d %	Strizione Bruchdehnung Reduction of area RA %	Resilienza Kerbschlagenergie Impact Value Resilience	Durezza Härte Hardness Dureté HB
Valori richiesti t Anforderungen/Required values Valeurs demandées		min max	30	-	75 115	40	50	-	-
A	12,5	68	L	49	89	54	70		185
TEST			min		max				
A	Grain size for ASTM E112				6				

1/L = lunghezza/Length, T = spessore/Thickness, Q = Taglio/Section/Grain

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata/Heat Schmelze/Heat	min - max 0.080	1.00	2.00	18.00 20.00	1.00	1.00	8.00 10.50	0.045	0.030	0.100	-	-	-	-	-	-	-	-
266000	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	P %	S %	N %								
	0,020	0,41	1,64	18,24	0,45	0,31	8,09	0,032	0,027	0,093								

Intergranular corrosion test per ASTM A262 pract. E: ok.

Absence of cracks at 20 x magnification after bend test.

Reduction ratio = 40,2 : 1

Annealing temperature: 1940°F for 1 h/water.

Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste
Die geforderten Anforderungen sind erfüllt
The material has been furnished in accordance with the requirements
Le matériel a été livré conforme aux exigences

Controllo antimescolanza: OK
Verwechslungsprüfung: spezialanalytisch durchgeführt
Antibiting testing performed: OK
Controlle antemélange: satisfaisant

Controllo visivo e dimensionale: soddisfatta le esigenze
Beachtung und Ausmessung: ohne Beanstandung
Visual inspection and dimensional check satisfactory
Contrôle visuel et dimensionnel: satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

The Quality Management System is Certified acc. Pressure Equipment Directive (97/23/EC) Annex 1, s. 4.3 by TÜV and LLOYD'S

Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary

Vicenza, 16/02/15 V00008 (Mod. ACE2)	Il collaudatore di stabilimento / der Werkstattsprüfingen / Works inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304
DATE: 15/09/16

PO / BATCH NO: 29667/133161

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 12' 6"
QUANTITY INSPECTED: 12' 6"
QUANTITY REJECTED: _____

THICKNESS ORDERED: .500 X 2.500
THICKNESS RECEIVED: .500 X 2.500
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL		HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
<p style="text-align: center;">DAS 14 9-89</p> <p>INSPECTED BY: _____</p> <p>DATE: <u>15/09/16</u></p>	<p>SIGNED OFF BY: _____</p> <p>DATE: _____</p>	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303
 DATE: 15/09/16

PO / BATCH NO. 29667/133161

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12'8"
 QUANTITY INSPECTED: 12'8"
 QUANTITY REJECTED: _____

THICKNESS ORDERED: 1.00X1.00
 THICKNESS RECEIVED: 1.00X1.00
 SHEET SIZE ORDERED: _____
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	N	
CORROSION	Y	<input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>14</u> DATE: <u>15/09/16</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO29667

Purchase Order Date 9/2/2015

PO Print Date 9/2/2015

Page Number 1 of 2

Order From :

VU-MET002

METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FOSSD

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M303B1.000X1.000	303 BAR 1" X 1"	9/14/2015 Yes 9/14/2015		12.00 f	\$11.77	\$141.24
MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE							
Line Total:							\$141.24
2	M304B0.500X2.500	304 BAR .500 x 2.50	9/14/2015 Yes 9/14/2015		12.00 f	\$11.86	\$142.32
MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE							
Line Total:							\$142.32

Note:

9/2/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29667**

Purchase Order Date 9/2/2015

PO Print Date 9/2/2015

Page Number 2 of 2

Order From :

VU-MET002

Ship To : DART AEROSPACE LTD

METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

3	71401-45	PROCUREMENT QUALITY CLAUSES	9/14/2015	1.00	\$0.00	\$0.00
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No

9/14/2015

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of materila conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

Line Total: \$0.00

PO Total: \$283.56

CL U

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 9/2/2015